



## MIDLANDS MINERALS CONFIRMS 12 QUALITY DRILL TARGETS ON SIAN – GHANA

---

TSX-VN: “MEX”

TORONTO CANADA, February 28<sup>th</sup>, 2007: Midlands Minerals Corporation (“Midlands” or the “Company”) is pleased to announce detailed soil surveys confirm 3 important gold trends with 12 quality drill targets less than 3 kilometres from the Esaase open pit mine on the Sian property in Ghana. The Sian property is located on the north end of the Ashanti Gold Belt and is 30 kilometres northeast of Newmont Mining’s Akyem deposit with over 8 million ounces of gold.

“These positive results increase the potential for discovering additional resources on the Sian property”, said Marc Boisvert, P. Eng, Vice President Exploration.

The next phase of work, which will start in April 2007, will focus on definition diamond drilling on the Esaase open pit mine. Holes will be at 50 metre intervals, and the objective is to increase the indicated resource. There will be a simultaneous RC drilling program to test 12 anomalous sites along identified trends with the objective being to locate additional resources.

On February 26, 2007, the Company announced that it has secured 2 drill rigs and plans to drill approximately 10,000 metres on the Sian property.

In preparation for drilling, detailed soil surveys designed to identify drill targets were conducted in November 2006 and in January 2007. The Company is now reporting on the soil survey results. The surveys highlighted 12 sites with values above 500 ppb Au along 3 linear trends. 3 gold occurrences at Esaase Mine, Esaase East and Odumasua form the northern extremities of the anomalous trends.

***Please click here to view the map***

***[http://www.midlandsminerals.com/press\\_releases/images/Sian\\_Soil\\_Au\\_Trends.pdf](http://www.midlandsminerals.com/press_releases/images/Sian_Soil_Au_Trends.pdf)***

The soil survey results indicate the existence of a 100 Au ppb cluster contour, 3 kilometres in diameter. This re-enforces the geological concept that all gold occurrences on the Sian property are part of a large gold system. “Inside the cluster, there are 3 trends with 12 high anomalous values above 500 Au ppb. Big gold deposits generally produce large areas of soil anomalies”, said Marc Boisvert, P. Eng.

The Esaase Mine coincides with an anomalous area with values from 250 ppb up to 440 Au ppb with a small dispersion toward the west and a sharp contact on the east side. Based on the Esaase Mine soil response signature, the other anomalous sites above 500 Au ppb indicate excellent new potential drill targets for gold.

Of the 12 sites with values above 500 Au ppb, 5 are on trends associated with the Esaase open pit mine with an indicated resource of 100,000 ounces of gold (1.3 million tonnes @ 2.3 g/t Au, and an inferred resource of 100,000 – 500,000 tonnes @ 5.7 g/t Au). 7 other anomalous sites are associated with parallel trends coinciding with the Esaase East and Odumasua gold occurrences.

The soil sampling was conducted along lines spaced at 200 metres with samples taken at 50 metre stations. A total of 1512 soil samples including 129 duplicates for laboratory and field sampling verification, were sent to the SGS Laboratory at Tarkwa in Ghana. Preparation of each sample consisted of drying and sieving at - 80 mesh, from which a split of at least 1000g of the sample was pulverized to - 200 mesh in a homogenizing mill. 50 g portions of each sample were analyzed for gold by Fire Assay.

The scientific and technical information contained in this press release has been reviewed by Marc Boisvert, P.Eng., Midlands' Vice President - Exploration, who is a Qualified Person within the meaning of National Instrument 43-101.

*Certain statements contained in this news release constitute forward-looking statements. Such forward-looking statements involve a number of known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of the company to be materially different from actual results and achievements expressed or implied by such forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made. Readers are also advised to consider such forward looking statements while considering the risks inherent in the business of mineral exploration.*

The TSX-V has in no way passed upon the merits of the proposed transactions and has neither approved nor disapproved the contents of this press release.

For further information, please contact:

Kim Harris, CEO  
1210 Sheppard Avenue East, Suite 302  
Toronto, Canada M2K 1E3

**CEO Direct Line:** +1 (416) 447-6882

Tel: +1 (416) 492-6992

Fax: +1 (416) 492-6993

E-Mail: [info@midlandsminerals.com](mailto:info@midlandsminerals.com) Website: [www.midlandsminerals.com](http://www.midlandsminerals.com)